



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

27 April 2011

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling
SDG Number: 1104241

Enclosed are the results of analyses for samples received by the laboratory on 20-Apr-11 10:05. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	4.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

27 April 2011

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Project: Arkwood Monthly Sampling



Date Received: 20-Apr-11 10:05

CASE NARRATIVE

SAMPLE DELIVERY GROUP : 1104241

SEMIVOLATILES:

The six compounds labeled (surr) on the attached final report are "surrogates." Recovery of surrogates is for lab use only to determine the effectiveness of the extraction procedure; surrogate recoveries are not analytical results. The six surrogate compounds are: 2,4,6-tribromophenol, 2-fluorobiphenyl, 2-fluorophenol, Nitrobenzene-d5, Phenol-d5, and Terphenyl-d14.

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ANALYTICAL RESULTS

Lab Number: 1104241-01
Sample Name: Mouth
Date/Time Collected: 4/19/11 12:15
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	12.5		4/26/11 19:58	A104263	8270D
2,4,6-Tribromophenol [surr]	%	98.0		4/26/11 19:58	A104263	8270D
2-Fluorophenol [surr]	%	47.2		4/26/11 19:58	A104263	8270D
Phenol-d5 [surr]	%	26.4		4/26/11 19:58	A104263	8270D

ANALYTICAL RESULTS

Lab Number: 1104241-02
Sample Name: Weir
Date/Time Collected: 4/19/11 12:25
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 5.00		4/26/11 20:43	A104263	8270D
2,4,6-Tribromophenol [surr]	%	103		4/26/11 20:43	A104263	8270D
2-Fluorophenol [surr]	%	43.5		4/26/11 20:43	A104263	8270D
Phenol-d5 [surr]	%	24.7		4/26/11 20:43	A104263	8270D

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QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 26-Apr-11 18:25 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A104263 - 3550B: Modified

Blank (A104263-BLK1)

Prepared: 21-Apr-11 Analyzed: 26-Apr-11

Pentachlorophenol	ND	200	ug/L							
Surrogate: 2,4,6-Tribromophenol	34.0		"	40.0		85.0	39.2-127			
Surrogate: 2-Fluorophenol	21.6		"	40.0		54.0	10.7-76.6			
Surrogate: Phenol-d5	12.6		"	40.0		31.5	13-62.4			

LCS (A104263-BS1)

Prepared: 21-Apr-11 Analyzed: 26-Apr-11

Pentachlorophenol	35.0	10.0	ug/L	40.0		87.5	65.4-117			
Surrogate: 2,4,6-Tribromophenol	41.8		"	40.0		105	39.2-127			
Surrogate: 2-Fluorophenol	24.3		"	40.0		60.7	10.7-76.6			
Surrogate: Phenol-d5	18.5		"	40.0		46.1	13-62.4			

Matrix Spike (A104263-MS1)

Source: 1104240-01

Prepared: 21-Apr-11 Analyzed: 26-Apr-11

Pentachlorophenol	312	100	ug/L	400	ND	77.9	49.6-126			
Surrogate: 2,4,6-Tribromophenol	200		"	400		49.9	39.2-127			
Surrogate: 2-Fluorophenol	177		"	400		44.2	10.7-76.6			
Surrogate: Phenol-d5	156		"	400		39.0	13-62.4			

Matrix Spike Dup (A104263-MSD1)

Source: 1104240-01

Prepared: 21-Apr-11 Analyzed: 26-Apr-11

Pentachlorophenol	299	100	ug/L	400	ND	74.8	49.6-126	4.09	30	
Surrogate: 2,4,6-Tribromophenol	283		"	400		70.8	39.2-127			
Surrogate: 2-Fluorophenol	193		"	400		48.4	10.7-76.6			
Surrogate: Phenol-d5	166		"	400		41.4	13-62.4			

All Analysis performed according to EPA approved methodology when available:

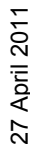
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above the "Reviewed by:" line.

Reviewed by: _____

Norma James
President



**Jim Floor
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CHAIN OF CUSTODY FORM(S)



11701 Interstate 30, Bldg. 1, Ste. 115
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

[illegible]Revision 1
12/1/10

S2-S.6